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NOV 12 2004



TRANSMITTAL FORM

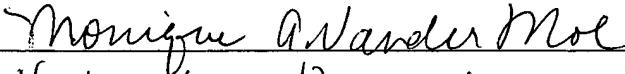
(to be used for all correspondence after initial filing)

		Application Number	09/846,727
		Filing Date	May 1, 2001
		First Named Inventor	Craig R. Malloy
		Group Art Unit	1743
		Examiner Name	Monique T. Cole
Total Number of Pages in This Submission	13	Attorney Docket Number	119929-1031

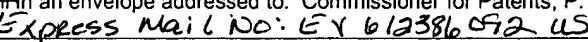
ENCLOSURES (check all that apply)

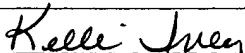
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): • Acknowledgment Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

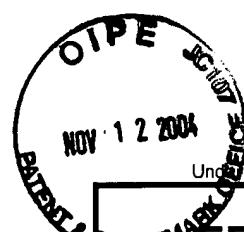
Firm Or Individual Name	Monique A. Vander Molen Gardere Wynne Sewell LLP IP Section
Signature	
Date	November 12, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as ~~first class mail~~ in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. 

Typed or Printed Name	Kelli A. Ivey	Date	11-12-04
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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FEE TRANSMITTAL For FY 2005

Effective 10/01/03. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** \$ N/A**Complete if Known**

Application Number	09/846,727
Filing Date	May 1, 2001
First Named Inventor	Craig R. Malloy
Examiner Name	Monique T. Cole
Group Art Unit	1743
Attorney Docket Number	119929-1031

METHOD OF PAYMENT (Check all that apply)
 Check Credit Card Money Other None
Order
 Deposit Account:Deposit Account Number: 07-0153
Deposit Account Name: Gardere Wynne Sewell LLP**The Director is hereby authorized to: (check all that apply)**
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Fee	Fee	Fee		
1001	790	2001	395	Utility filing Fee	\$ _____
1002	350	2002	175	Design filing fee	\$ _____
1003	550	2003	275	Plant filing fee	\$ _____
1004	790	2004	395	Reissue filing fee	\$ _____
1005	160	2005	80	Provisional filing fee	\$ _____
SUBTOTAL (1)		\$ N/A			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from Extra Claims below		Fee Paid
Total Claims	30	- 58**	= 0	x 18.00 = \$ _____
Independent Claims	5	- 6**	= 0	x 86.00 = \$ _____
Multiple Dependent				280.00 = \$ _____

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Fee	Fee	Fee		
1202	18	2202	9	Claims in excess of 20	8021 40
1201	88	2201	44	Independent Claims in excess of 3	1809 790
1203	300	2203	150	Multiple dependent claim, if not paid	2809 395
1204	88	2204	44	** Reissue independent claims over original patent	1810 790
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	2801 395
SUBTOTAL (2)		\$ N/A			

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	Fee
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
18042	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	430	2252	215
1253	980	2253	490
1254	1,530	2254	765
1255	2,080	2255	1,040
1401	340	2401	170
1402	340	2402	170
1403	300	2403	150
1451	1,510	1452	1,510
1452	110	2452	55
1453	1,370	2453	685
1501	1,370	2501	685
1502	490	2502	245
1503	660	2503	330
1460	130	1460	130
1807	50	1806	50
1806	180	1806	180
8021	40	8021	40
1809	790	2809	395
1810	790	2810	395
1801	790	2801	395
1802	900	1802	900
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)		\$ N/A	

SUBMITTED BY

		Complete (if applicable)		
Name (Print/Type)	Monique A. Vander Molen	Registration No. (Attorney/Agent)	53,716	Telephone (214) 999-4330
Signature	Monique A. Vander Molen		Date	11/12/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22331-1450.

If you need assistance in completing the form, call 1-800-0PTO-9199 (1-800-786-9199) and select option 2.

11-15-0 CF

17-43
SFW

Application No.: 09/846,727
Amendment dated August 11, 2004
Reply to Office Action dated November 11, 2004

Attorney Docket No. 119929-1031

EV612386092US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Craig R. Malloy, A. Dean Sherry and John G. Jones
Serial No.: 09/846,727
Filed: May 1, 2001
Art Unit: 1743
Examiner: Monique T. Cole
For: MEASUREMENT OF GLUCONEOGENESIS AND
INTERMEDIARY METABOLISM USING STABLE ISOTOPES

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal as First Class mail in an envelope, with sufficient postage, addressed to: **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450; Alexandria, VA 22313-1450 on November 12, 2004.



Signature

Kelli Ivey

Typed or printed name of person signing certificate

AMENDMENT

Dear Sir:

Applicants submit this response to the non-final Office Action mailed on the date of August 11, 2004. In view of the following Remarks/Arguments, Applicants respectfully request reconsideration and withdrawal of the outstanding objections and rejections, and request allowance of the claims pending in this Application.

In response to the Office Action, please amend the above-identified Application as follows:

Listing of Claims beginning on page two (2) of this paper; and

Remarks beginning on page seven (7) of this paper.